



Data Sheet

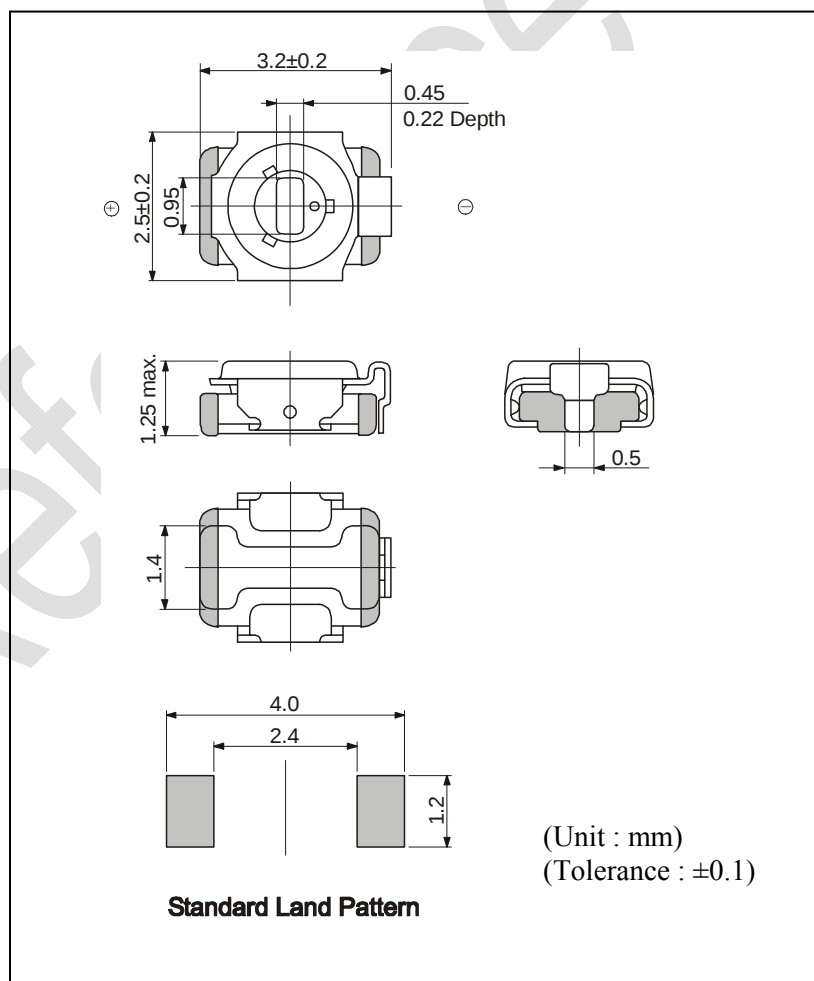
CERAMIC TRIMMER CAPACITOR / TZY2 SERIES

■ Part Number

TZY2 ○○○○ A C01 □□□
 1) 2) 3) 4)

- 1) ○○○○ Temperature characteristics and Maximum capacitance value.
 Refer to the attached specification table. Ex. Z100
- 2) A Terminal shape. Refer to the drawings for terminal shape A.
- 3) C01 Individual specifications. C01: Standard
- 4) □□□ Packaging
 [B00] - Bulk : 500pcs./bag
 [R00] - Taping (Standard) : 2,000pcs./reel (180mm dia.)

■ Outline / Dimensions / Land Pattern



■ Specifications Table

Part Number	Capacitance (pF)		Q at 1MHz (min.)	Rated voltage (V.D.C.)	Temp. Characteristics	
	Min. (+0%)	Max. (+100/-0%)			Temp. Coefficient (ppm/°C)	Drift (max.)
TZY2Z010AC01	0.6	1.0	200*	25	NP0 ±300 (0±300)	±3%
TZY2Z2R5AC01	1.0	2.5	200*	25	NP0 ±300 (0±300)	±3%
TZY2Z030AC01	1.5	3.0	300	25	NP0 ±300 (0±300)	±3%
TZY2Z060AC01	2.5	6.0	500	25	NP0 ±300 (0±300)	±3%
TZY2Z100AC01	3.0	10.0	500	25	NP0 ±300 (0±300)	±3%
TZY2R200AC01	4.5	20.0	500	25	N750±500 (-750±500)	±3%
TZY2R250AC01	5.5	25.0	300	25	N750±500 (-750±500)	±3%
TZY2K450AC01	8.0	45.0	300	25	N1000±500 (-1000±500)	±3%

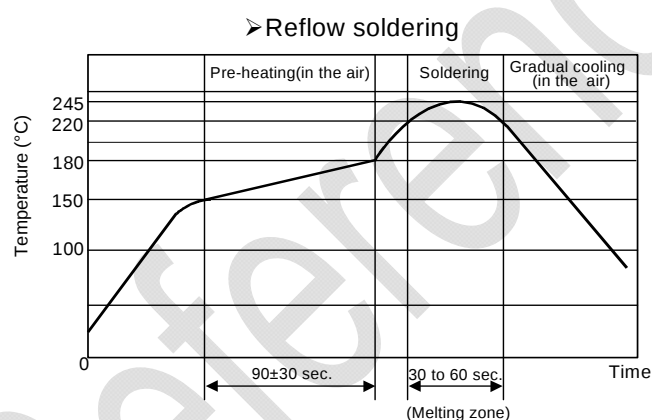
- Operating temperature range is -25 to +85°C.
- Driving torque : 0.5 ~5.0 mN·m (Ref; 5~50gf·cm)

• * : At 200MHz (Z010,Z2R5 only)

Caution for Using

■ Soldering

- (1) Standard soldering condition (Standard Pb free solder type : 96.5Sn/3.0Ag/0.5Cu)



➤ Soldering iron

Temperature of tip : 350°C
 Soldering time : 3sec. max.
 Diameter : 1mm max.
 Wattage of iron : 30W max.

- (2) The thickness of solder paste should be printed from 120μm to 170μm at re-flow soldering.
 (3) Do not use flow-soldering (dipping) method.

■ Cleaning

- (1) Can not be cleaned because of open construction.
 (2) If cleaning the TZY2 series, silicon oil applied to the movable part of the TZY2 will also be washed out, therefore the trimmer capacitor may deviate from the specified characteristics.

■ Adjusting

- (1) Do not apply excessive force (preferable 1.0N(Ref.; 100gf) max.) to minimize capacitance drift.
 (2) Use suitable screwdriver that fit comfortably in driver slot. (Murata Part No. : KMDR060)
 (3) Do not use any adhesive bond to fix moving parts after adjusting.

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